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on Epilepsy

V I shall begin my remarks upon this disease by making a humiliating Acknowledgement - that is - that I cannot cure it, and of course that I cannot teach you how to cure it. &

VI In entering upon the Consideration of this disease, I feel like King Richard ^{who} ~~after~~ ^{when} ~~dismounted by the~~ in battle ~~and~~ cried out "a horse - a horse - ^{my} kingdom for a horse" - In like manner ^{gent.} I feel disposed to begin my lecture upon Epilepsy by saying "a Remedy! - a remedy! - a kingdom for a remedy for it!" - after all that I have collected by ~~much~~ reading - study and experience ^{upon} it I am sorry to acknowledge that I cannot cure it, & of course, that I cannot teach you how to cure it: turn over to —

Epilepsy √

but improperly

© It has been defined, a Convulsion of the
muscles of the body, attended with sleep. It
now & then exists without sleep, & with no, or feeble convulsions.
It was called *Morbus Convulsivus*

by the Ancients ~~for~~ or the falling sickness,
from its occasionally occurring in public
Assemblies. to p 2. (a)

Johannes Crato, an eminent physician
in Germany, & ambassador to 3 successive
Emperors, earnestly desired to live till
he sh^d hear of a satisfactory theory of this
disease. He died without being gratified
in his benevolent wish, & had he lived to
this day he would not have been happier
in the attainment of the object of his
wishes than when he died. I have that
I read much upon it, & am sorry to
say, I know but little more about

✓ of this I have given you supporting proofs
in my ~~total~~ want of success in the cases for
which I have prescribed in the P. hospital.

✓ hence its paroxysms most generally occur
in the night.

+ [Mr] Bichat has distinguished what he
calls irrit^y. - or we call - Excitab^y
from contractility - by the absence of
tone from the nervous - muscular &
gangliferous fibres in the former case,
& considerable tone in the latter. Thus in
the Typhoid fever there is great contract^y as well
as irritab^y - whereas in the typhus fever there is
irritab^y with little contract^y. - Now in ==

✓ ^{These grades are five in number}
~~They differ~~ very much in their grades. They are
sometimes so violent according to Linnæus as to
produce an emission of semen masculinum, and
according to Dr Short, to produce an effusion of blood
from the extremities of the Arteries upon the skin.
I once knew ~~paroxysms~~ ^{paroxysm} to take place during a
paroxysm of Epilepsy. The woman ~~and~~ did not feel the
pains usually attendant upon Child bearing, and
wondered when she saw her child by her side, ~~after~~ ^{by} where
it came from, ~~it~~, when her ~~fit~~ ^{fit} was over? But ^{there} are
paroxysms that do not ~~prostrate~~ ^{completely} either the body
or mind. Swinburn's pious, but extravagant
visions were the operations of his mind in fits of
Epilepsy. He had them, sitting or on his knees. His
rational faculties ~~was~~ were only partially ^{drained}.
The case I formerly read to you of a man in
Connecticut who was said to have two souls, was
a milder grade of Epilepsy in which thought was
nearly regular, & many actions performed in
order, ^{the forgotten afterwards.} Epilepsy is so feeble as
^{only a faintness with a short}
only to produce a suspension of Speech & walking.
Thought goes on as usual. They go off in this
way by turns. In others, the face, eyes are a little convulsed,
without the least interruption of the exercise of the mind. ~~There are~~

~~movability or excitability~~ this ~~excitability~~ 34 ~~fits of Epilepsy differ~~ ✓
~~Long hereafter it occurs in hysteria.~~

from childhood
It affects persons ~~under 18 years~~ ^{I now attend a woman between}
60 & even 75 to 50 years of age. The intervals between
50 & 60 in whom it has ~~been~~ ^{of} ~~2~~ ^{several} palsy.
the fits are from ~~one~~ hours to 6 months.

They occur often in the night, then in
the day time. ~~As~~ I have known two

or three fits to occur & the System to be
free from them ^{the convulsions in after dentition & other diseases of infancy} ~~in~~ ^{are transient} ~~afterwards~~. After
(if they occur early) sometimes
50 they ~~leave~~ ^{go} of entirely, or appear
only in ~~short~~ faint fits of short duration from the ~~convulsions~~
becoming stricture.

Shorter life, but I have lately heard of
a man who had lived to be above 80
who had been afflicted severely with them
I have ~~read~~ ^{also} of a mathematician in France who attained with this
in early or middle life. — They sometimes
disorder the same great age.
impair the memory, but & understanding,
inducing complete fatuity, but they often
continue for years without losing the

5 related in the German
6 There is a grade of it in which the patient ~~comes~~
~~verses~~ but it is Ephemerides in which the patient
involuntarily revealed all that he heard, did,
or thought the day before. 5 There is sometimes
a perfect exercise of the reason & fever with general
convulsions. Dr Boerhaave & Ephemerides.

✓ ~~the~~ inquiring whether Epilepsy may not
be a deep seated, and widely diffused paroxysm
of fever? - all its remote causes are the same
as ~~exists~~ induce fever, - operating ^{perhaps} with more
force, and bringing on greater debility, and
^{course} of ~~more~~ greater morbid commotions in the
system. Compared with a common paroxysm
of a fever, may it not ^{be} like a sudden hurricane
or tornado,
- can be compared with a steady equinoctial
gale? If more than it is said are affected by it

I was consulted ~~last~~ ⁱⁿ May 1804 by a Gent^l
from Maryland who was one of 3 brothers affected
with it, and ~~a few weeks~~ ^{some time afterwards} by a former
from Chester County who with a sister were
affected with it. It is thus you a ~~family~~ ^{familial}
but I have not known it a hereditary disease.

4
force or operations of any of the faculties
this was the case with ^{a man} ~~as an~~ ^{who was certainly}
of the mind. Epilepsy is sometimes
of the greatest men ^{the} in point of intellect ever lived.
succeeded, & alternated with madness.
Two cases - in Penn. Hospital and Currier 1808.
Furber's Case. It proves fatal most

commonly when a fit does not kill
by ending in ^{apoplexy or} ~~hydrocephalus~~ intermus.

The blood seems to be confined to the
Arteries chiefly in persons who die of Epilepsy.
Dr Johnson says in dissecting a boy who
died of it, very little blood was found in ^{his} ~~its~~
Veins. But ~~Dr Short says he once saw~~ ~~take~~
notice of this fact, and of the one mentioned
from Dr Short. ^{viz: sweating blood.} Do they not show the Arte-
rial system to be deeply affected in this dis-
-ease? ~~From these facts we are not without~~

✓ The Remote Causes of Epilepsy are:
1 General & 2 local. & 3 Sympathetic.
The 1 are, great intemperance in

Drinking cold water. - As in Miss Charlotte Larky 1809 in
✓ ^{Hospital} There are instances of its being communicated
by sympathy, or imitation as in the school
at Harlem, & in the Penns: Hospital during
the time of the late Dr Hutchinson.

10 It is has been congenial. / A Mrs Knight
in Montgomery Penns: found seeing a person
in fits during her pregnancy but forth a child
soon who she was affected with Epilepsy & be-
-came an idiot, & died at 18. A Mrs Lushins
in the neighborhood ^(who was pregnant) saw his funeral & asked
her husband whose it was. He answered "Mrs
Knight's foolish son," and then described his
fits by imitating his motions. His wife was
much affected with the history & description of
this boy. Dreamed of him all the preceding
night, & at the end of her pregnancy but forth
a girl in every respect diseased with fits &
fascidity like the boy her husband described.

This girl was alive & 19 years of age on the
16 July 1792. I received the informⁿ from
Mrs L Ferguson - a most correct & sensible
woman. ~~12~~ 12 Longing. Vanswieten.
13. ~~13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.~~

6
eating - drinking - & venery. Onanism has
often induced it.

2 great bodily exercise.

3 great or undue exercise of the Understanding
^{active}
and ^{passions}.

4 Terror. Out of 14 patients at one time
in the hospital at Vienna with Epilepsy,
it 6 of them, it was induced by frights ^{I have} ship.
twice known ^{to} ~~be~~ induced ^{it} the sight of Genl. Ar.
= much ~~has~~ ^{with at night} ~~been~~ induced ^{it} the sight of Genl. Ar.
= ~~no~~ ^{old's} effigy, but it on a young man in
this city. ^{He rid of it. It is rarely used when}
^{from this cause.}

5 The retention of several of the excretions.

6 Repelled Eruptions. ^{Intra Rosa - Darwin, going}
^{of fluor albus. mis Whitaker. vol. 1. of extracts p. 58.}

7 Sleeping in the open air. It was brot

on by this means in Mrs Butler a student
of medicine from ^{2. Leipzig in Germany after fatigue.} Carolina. Sleeping on a

bed of straw brot it on in Mrs Swire.

8 Impure or Aired air. Dr Guthrie V

The local causes are

1 Lesions of the brain, & ~~of the~~ ^{of the} and

Dr. John Pingle

mentions two cases of it induced in
soldiers by a previous attack of an in-
flammation of the brain. I

V Dispositions then nearly the same as
-paraness which are found after apoplexy
with ~~new~~ exostoses of the bones of the brain,
but ~~are~~ most of these appearances I believe
are the effects, and not the cause of the
Disease - for if they were they ought to pro-
-duce the same Disease. I believe Epilepsy, and
-plexy, ~~and~~ ^{and} palsy ~~and~~ ^{and} phrenitis &
mania affect ~~in~~ when they exist separately
different parts of the brain, ~~not~~ ^{as} ~~the~~
~~Dr. Ash~~ Campbell in an ingenious essay
Dissertation lately published in Edin' About 1805
says the basis of the brain is affected only in
Epilepsy and palsy - and the whole brain in
apoplexy. I find I said formerly placed the
seat of madness ~~in~~ the upper or cortical
part of the brain. The phrenitis must occupy
the same place, being an acute form of the same
Disease. Hydroceph. ~~internus~~ ^{probably} affects both
the upper & lower parts =

7
fractures of the Skull. D Potts case. a Case 8 years
after a stroke on the head recorded in the Ann. of Phil.
2 malconformation of the brain. 3. + 4.
3 sympathetic often very small

1 Tumors in different parts of the body &
2 a ragged wart on the ankle. D Short. med. Soc. of Edin
3 perhaps decayed teeth. ~~5 fingers~~ ^{4 fingers} ~~from it.~~ ^{from it.}

✓ The disease ^{or excited} when ~~and~~ formed is easily re-
-moved by a moderate degree of any existing

cause, and by Association. The voice of
a distant bell, and even of a horses feet,

excited it in two cases mentioned by Dr
Gallen. A soldier who had deserted, & was

discovered while drinking a mug of beer had
his fetts removed for several weeks every

time he attempted to drink. ~~at~~ A pregnant
Lady who stood ²⁰ long under the hands

of a mantua maker ^{that she} fell into a fit
from weakness. Her fetts were removed

every time she saw either her gown
or the mantua maker. Until after

✓ Savage relates the case of a woman in whom
apoplexy produced an incurable attack of this
disease. She was seized with it just as she was en-
tering the door of a Church. ~~She was~~ Her fits
returned every time she ~~crossed~~ ^{attempted to enter} it afterwards.
- ~~She~~ ^{She} was obliged from this circumstance to receive
the Communion outside of the Church. -

A man who cured of it by a Catholic priest on
condition of never going into a Protestant ~~part~~ ^{Church} the
end of 7 years he went, and was instantly seized with a
fit. Mr Robinson a med. Stud.

A Doctor who was ~~once~~ apprehended while drink-
ing, fell down in a fit of epilepsy, which returned for
sometimes afterwards when he took a trip with any liquor
to his mouth.

✓ 6 By ~~falling~~ ^{burns} from falling
into the fire. 7 By an Attack of mania. It
relapses however ~~for~~ after thus changing into
another disease. & Drugging. -

== of the brain. Time & Space will deter-
mine the truth or error of these opinions.

✢ It was cured by bloodletting in 2 of the
Sisters of the Gent. from Portugal who
consulted me last year.

see appendix page 1

her delivery. ^{VI} 8:
~~her delivery.~~ But fits occur often in the
night than in the day time probably be-
-cause they are ^{often} excited by an association
of ideas in a dream.

Before we proceed to treat of $\frac{2}{3}$ cure
of this disease, let us inquire into the
operations of nature in it. Has it ever
been cured by her? - I cannot say it has -
- but time, and certain changes in the
system ^{and accidents} have ~~now~~ removed it. It
has been cured

1 By ~~passivity~~ ^{one instance only of this occurred}
^{under my notice} ~~passivity~~ pregnancy & childbearing.

2 By ~~passivity~~ ^{It was in a woman.} pregnancy & childbearing. #

3 By a change of climate & residence.

4 By ^{the} hardships of a camp life. They

cured it in Julius Caesar. also by a long
journey - in Genl. Marshall's wife.

5 By age. It often begins or goes off at

✓ 50, or 60. Let us remember these

facts. we shall presently apply them.

0.
✓ ~~Acra Erythraea, or a creeping sensation on~~

- 6

✓ and ~~the~~ and a sensation like floating of
one of the eyes from its orbit, and with
something glittering before the eyes.
a Transylvanian in hospital.
+ Emission of semen & pain above
the pubis. in 21st year; Berlin 1811.

The Remedies for Epilepsy divide themselves into 3 heads.

1 Such as are proper in its forming state.

2 Such as are proper in the paroxysm,

3 Such as are proper in the intervals of the paroxysms.

! In order to know when to administer the first Class of Remedies, I shall enumerate ~~state its~~ the symptoms of an approach. 1 a bitter taste in the mouth, 2 or 3 days before a fit. 2 an enlargement of the pupil. 3 Tremulous ^{observed on} & false Vision. 4 a throbbing pulse. 5 a slow pulse. morigueri. 6 Head ach. 7 pain in the right eye - with inflamⁿ of the tunica adnata according to D^r Cullen. 8 a peculiar odor in the breath. 9 wood⁺. 9 Costiveness. 10 a redness in the

✓ 14 a trembling of the ^{under} ~~upper~~ lip.

15 ~~The last symptom~~ is the Aura Epileptica,
on a creeping sensation rising from the extre-
-mities of the lower feet & hands.

16 Singing, dancing - laughing - hallowing
& running. It is said it attacks Buon-
-part in the last way that has been
event^d - viz running. - ~~that~~

17 Prematural elevation of all the
mental faculties. A fit of Epilepsy was
always preceded in the late Rev^d Mr Walter
of New Haven by unconscious displays
of genius & eloquence in his prayers
& sermons. -

face. 11 pains in the feet. 12 pimples on
the tongue. 13th a sudden sense of horror
such as ^{is} induced by the near approach of
death. ^{most of} ~~all~~ these premortuary symptoms
have ~~been~~ occurred in my patients, & recorded
at that the time they were communicated
to me. You may faithfully rely upon
them. ^{they did} not all in any one ^{patient}, - & sometimes
but one of them in a patient.

The Remedies in this forming state of Epi-
-lepsy are 1. V.S. where the pulse is tense, & where
great fulness appears in the blood vessels of $\frac{1}{2}$ brain.
2 an emetic. This is indicated when a bitter
taste is perceived in the mouth.

3 Abstinence from animal food, & the sparing
Use of veg. food.

4 ~~A dose of Opium~~ a gentle purge. It was
often prevented in the Lady M^{rs} Wood in whom
it was preceded by a peculiar odor in $\frac{1}{2}$ breath.
^{The purge was sulphur.}
5 A dose of Opium.

or temples

- # 13 Rubbing the hand on the forehead, & throwing the head back against a wall. Ponsart. 14 Shaking the head rapidly. ~~on the forehead~~ ~~running rapidly~~ Dr.
- 14 Dashing a bucket of cold water all the head & body. — 15 Improving wakefulness for one or two nights. I shall mention its good effects hereafter in preventing fits of cholera, which usually occur in the night. Dr. Flap, and in bed when the body is in == (a)

✓ the rising of the Aura Epileptica to the head. Dr. Wright. & Dr. Loeffer

by Breckman & Cullen.

- 10 Fear. Girl in Infir. of Edin. 11 By running, & by suddenly rising out of bed. 12 Keeping the mouth & teeth apart by a piece of wood. — #

✓ In stating of the Remedies that have been occasionally successful in ^{the intervals of} this disease, we have to lament that ~~the~~ no notice is taken of the grade of the Epilepsy in which they have been used. A medicine that will cure its milder grades, will have no ~~more~~ ^{marked} effect upon its worst grades. ~~then~~ ~~managers~~ ~~balls~~ ~~upon~~ ~~the~~ ~~Back of gibbaltex~~. I shall first mention the Remedies proper ~~to~~ in the worst grades that have been described. They are the opposites

are opposites

6 a Cup of the Juice of Rue. It was thus
 prevented in a man ⁱⁿ Virginia. Dr. ^{Wm} Dodding
 a Spoonful of salt in the mouth. a Touch
 7 The smell of burning Sulphur according to
 Dr. Rushing of Wingham. a ~~Spoonful~~
 8 Decime of live sparrow commended to have
 applied to the pit of the Stomach half an
 hour before the paroxysm. This Remedy
 prevents Intermittents used in this way.
 9 Ligatures around the extremities to prevent
 11 The Remedies in the pit are but few. When
 the Convulsions are violent, & sh^d be used.
 It lessens ~~its~~ their violence, & shortens their
 Duration. Fresh Air - a loose Collar - free
 Movements - & an easy recumbent posture
 are of consequence, as they prevent death
 in the paroxysm. —

VI 712

~~in the intervals of the fits the Remedies~~
~~are~~ ^{is indicated} by the facts
 of the pulse, & the state of the

precede the use of tonics, & ~~Dr. Rushing~~
 — or a

== a) in a recumbent posture, the muscles
 become relaxed; that is they part with
 their excitement, - but this excitement is
 not lost. It is translated to the blood vessels
 in Epilepsy, as it is to the lungs in Asthma,
~~and to the brain vessels in Convulsions~~ from
 whence it is again distributed irregularly
 thro' every part of the body. The probability
 of this remedy being useful is supported
 by running - ^{raising suddenly out of bed} thereby exciting the mus-
 -cles, often putting off a fit of Epilepsy.



13

of each other, and ~~the~~ yet they ultimately meet in a point, so as to produce the same effects. They are such depleting remedies as reduce the system gradually below that point in which the vessels - muscles and nerves are capable of morbid action. This is done in the cure of many Diseases. The French Physicians during the late war in America cured Intermittents by ~~low~~ wholly by V & low Diet. No relapses ever took place when the cures were thus performed. The American Physicians saw them with surprise, but could not refute them. The same ⁱⁿ capacity of morbid communications have been produced in the Epilepsy by the following Remedies.

It cured in infancy & childhood - Helminths
V. This is indicated by the state of the pulse.
Child & Hobart - kept by the state of the pulse.
Dr Brown ~~found~~ ^{found} a =

* The yellow fever morbid convulsions ^{of} ~~are~~
~~of~~ the yellow fever are often thus prevented, &
of common Intermittents by the Bransins in India.
§ a solution. 111

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134
= Cure being performed by using Vt to such
an extent as to bring on Dropsy. The blood
bears all the marks of morbid action. &
particularly ^a viz appearing in yellow fever
in like manner has often destroyed itself by spontaneous
hemorrhage. It has
been prevented by the following remedy.
2 A ~~useful~~ Diet & Dr Cheyne mentions
the case of a Dr Taylor cured by it, & Dr
Callen says more ^{have been} cured by this, than
by any other remedy. To be effectual it should
reduce the system to a very low degree of excitability.

the case of a Dr Taylor cured by it, & Dr
Callen says more ^{have been} ~~are~~ cured by this, than
by any other remedy. To be effectual it should
reduce the system to a very low degree of debility.

He took his morning & evening diet at noon.
The cows from which this milk was taken
fed only upon grass & hay. When ~~the~~ they
fed upon grain their milk disagreed with
him. Perhaps the cure here was not from
the milk, but from the limited quantity of
Aliment, which kept the system in a constant
state of equilibrium, ~~withstood~~ and thus pre-
vented the ^{a just position to an attack of the} ~~disease~~ ^{of excitability} ~~from~~
~~by a disease~~ ^{from} too much, or too little
stimulus. An equal temperature of air, &
variety of mind have had similar
instances the same salutary effects. I have
heard of a case in which ^{continued} common diet
by weight and measure ~~has cured~~ ^{has cured} this disease.
Had it ~~been~~ ^{persisted} in it would probably
cure it. —

15

3 Salivation. This revolutionary remedy was first used by Dr Hugh Smith of London. I learnt it from him. It depletes by the discharge from the mouth, & 2nd by the Abstinence connected with it. To be effectual, it should be kept up for a month or six weeks. I have ~~made two~~ cured two persons by it - Stewart & Lady of Virginia, & that I had cured three more, but they have relapsed. One of them is since died in a fit of her disease, after being freed from it three or four years. It is difficult to make the mercury act on the salivary glands in this disease. W. I should always precede it.
~~the salivation should be preceded by the use of the mercury.~~

4 Cold Applications to the head. Ice should be preferred when attainable, for this purpose. It should be confined by means of a bladder or a tin cap.

5 Lying in a sitting or inclined posture in order to prevent an undue determination of blood to the brain. I have employed these two last remedies with great advantage in the case of a gentleman in Maryland.

The 2^d Class of radical remedies for Epilepsy should be the opposites of those that have been mentioned. They should be Tonic. These should be of so powerful a nature as to overcome the predisposing debility of the system. Their use is suggested by the occasional cases that have been, & are, cured by Antisepsis, pregnancy - & - the hardships of a Camp life - and old age all of which impart tone to the system?

What would be the effects of a high fever
 excited by artificial means in an Epileptic
 patient? we have seen it cure Diplopia,
 & palsy, & we shall soon say it assists in curing
 madness. It is perhaps the convulsions
^{ca} introduced by the small pox - & some other
 forms of fever, are prevented from becoming
 periodical & perpetual - only by the
^{Dr De la Roche says he once saw a fever just of fits 22}
 fever which follows them. In a disease
^{months. has long} which eluded experience, and reasoning,
 the nothing should be left unattempted
^{ca} which affords the most remote prospect of
 success. -

† the form of Aura Epileptica. Perhaps this
 is a retrograde motion of the ^{nervous} ~~electric~~ fluid, &
 that Stimulants & Drains applied to the feet
 & legs may be the means of detaining it in its
 proper place, or conveying it out of the system
 when it is excessive in its quantity. I am the

49 in favor
holidays - a strong fact of the efficacy
of labor in curing it. It is an ex-
cellent substitute for the hardships of a
camp life. ^{V I have read of a head ache occurring only on}
^{a Sunday in a lady, & that too from the debility induced by sus-}
^{-pending the usual employments of the week.}
In moderate cases of Epilepsy the

following remedies have been found useful.

- 1 Stones & Issues. They are commonly
applied to the neck & arms. Perhaps ^{greater} advantage
would arise from issues in the
legs. The fits seem to ascend from the feet int
- 2 The actual Caustery applied along the sagit-
tal & coronary Sutures. Dr Haller mentions
- 3 Issues being performed by this remedy.
or blisters all over the head.
- 4 Glysters of an infusion of Tobacco. Dr
Haller speaks of their efficacy.
- 5 Long Journeys. 6 Change of Climate ^{an equal one best}
- 7 Change of Residence. This acts by destroying
^{a case of Epilepsy Dr Monro says in West Indys.}
^{old best - Leffer's facts p. 445. vol. 10} old impressions & associations, & where a
disposition from humors - int them out. Two cases thus
cured.

more disposed to cherish ²¹ faith in those applica-
-tions from having lately read an account
of its being cured after 25 years standing, by a
bit of the Gout in the feet. Eph: med: vol. 12. 320
return to 2 ~~2~~
p 19: 0

~~It is a disease which is not cured by the use of the~~

~~It is a disease which is not cured by the use of the~~
¹⁰ The sound of large church bells
chimed at first - cured it in Toronto. 11 Extrusions
on the head. Lenzler mentions two cures being performed
by means of the itch, the one communicated
by design, the other acquired accidentally. Bith.
vol. 1. p 445. 6. In addition to the pain of itching
of the pleasure of scratching which I have supposed
to be the Remedies in cases in which the Itch
cures diseases, let us not forget that many
diseases go off with an itching, & that it is ^{always}
a favourable sign. It is a ^{kind} of disease, but
~~it is a mild one, compared with the diseases~~
^{it is} cures even a yellow fever, it may cure diseases
one hundred times more violent than itself.
Dr Lenzler attempted in vain to impart
the itch by inoculation. It must be taken in
the natural way - for it belongs exclusively to
the skin. =

9 Uniformity of impressions from diet,
 drinks, dress, ^{company} exercise & passions of mind.

Uniformity of diet & impositions from diet &
Drinks is best kept up by never permitting
the Stomach to be full nor empty, & perhaps
by advising diet & drinks by weight & measure.

(k) all these remedies for moderate degrees of Epilepsy should be used as auxiliaries, or as supplements to the depleting, and tonic remedies which were recommended in the worst grades of the disease. —

From a review of all the remedies for
Epilepsy - the balance ^{a milk} is greatly in favor of V.S. - low
diet, & a salivation - assisted afterwards by
all the remedies that have been mentioned
according to the Condition of the System

I have only to add, that in vain
will be our efforts to cure this disease)

= ~~U~~ I have said that the disease attacks chiefly
in sleep. What would be the effect of depriving
the number of hours allotted to sleep? ~~and~~ or
how to ~~do so~~ ^{or of} render it less profound by advising
sleep upon a mattress, or upon blankets only,
laid upon a floor ^{or of sleeping in, or posture nearly standing, erect,} thus to obviate the operation
of ~~one~~ ^{of} its exciting causes? I mentioned
~~the fact~~ a fact formerly which is calculated to begot a
ray of hope in this remedy. many of the
militia ^{officers} ~~men~~ who ~~are~~ turned out in the
winter of 1776 and slept on the ground, or floors
only, during the winter, were seized with con-
vulsions as soon as they ~~came~~ ^{came} to laid down
on feather beds After they returned to their
families. ^{But further} I shall say
~~presently~~ ^{presently} ~~that of asthma are the best of the~~ ^{that of asthma are the best of the} ~~the best of the~~ ^{the best of the}
Vichy ~~are~~ ^{are} ~~the best of the~~ ^{the best of the} ~~the best of the~~ ^{the best of the}
~~are~~ ^{are} ~~the best of the~~ ^{the best of the} ~~the best of the~~ ^{the best of the}

^{good}
Recollect the effects of wakefulness ^{mentioned} ~~in~~ ⁱⁿ ~~the~~ ^{the}
by Dr Stoll in the cure of another disease of
the brain - viz Phrenitis. I shall presently
mention its good effects in preventing pavor
and hereafter of cramps ^{which occur chiefly in}
- yms of Asthma ^{as sleep & were in}
~~before~~ sleep or in bed.

without removing our patients out of the
way of all its exciting causes. ^{causes in food & strong} Drink, ^{hard} and
study & excess of ^{as felt by reinfusion} ~~venery~~ ^{reinfusion} should be avoided. Re-
-pelled eruptions should be restored - Obstructed
secretions & excretions should be ^{opened} ~~restored~~ -
^{- Weir} ~~Worms~~ should be expelled - tumors &
decayed teeth (if probable causes of Epilepsy)
should be ^{removed or extracted} ~~extracted~~ - and the passions should
be reduced to ~~order~~ ^{their} natural &
just order. ~~the~~

I have thus sent: laid before you
upon the subject of a most afflictive and
a detail of facts with a few conjectures. Let
myself disengage, ~~with~~ with an account of a few, solitary, and
we request you to give them a place in
your youthful ~~memories~~. ~~memories~~.
your youthful ~~memories~~. They are, compared
with mine, a new and fertile soil. Think
now that who shall of them in your
retirement, in & on your beds. The man
who shall discover a radical & uniform
cure for Epilepsy will deserve more from
humanity than the discoverer of the Georgian

== recumbent posture, the muscles ^{become} ~~are~~ relaxed, ~~and thus~~ that is they ^{part with} ~~lose~~ their ex-
citement - but this excitement is not lost.
It is transferred to the blood vessels & brain where
it in epilepsy, and to the lungs in asthma -
& hence perhaps the cause of paroxysms of both
those diseases appearing in sleep or in bed, &
hence the probability of the cure of the
means I have suggested to prevent them.
~~They~~ are suggested further by one of the modes
of obviating a fit, viz. rising out of bed, and
running. return to ~~the~~ [K] p 22

Signs

- 1 Unfavorable before dentition in infancy.
- 2 It is ~~not~~ ^{be not used} ~~used if it occurs before~~ ~~in~~
~~early life, & stops by puberty, it is seldom~~
cured by art. 3 It is most dangerous when
attended with vertigo & head ache in its intervals.

Case of Gilepsy

The disease which I perceive as the forerunner of
Apoplexy since my Eighteenth year. I am now in my Twenty fifth & I seek
still a Salutory remedy -

The fits take me as it follows:

- The manner of sight seems immediately
the appearance of a sparkles, quite like a watch spring in its form & vibrations. I
see it at the right temple, It does not increase rapidly on me. Increasing in size &
surrounding itself with a kind of blaze, which frequently assumes the aspect of
a large fire. This fire threatens, as it were, to consummate me, I feel its increasing
approach, & after having examined my person & overcame my fears, It reforms
me of my senses: This terminates the suffering of that dreadful moment. Then ten years
My fits are even more frequent, from once to four & now six fits have afflicted me in the
course of a month. However they are often more alarms & few times only, in the above
period they left me sensible. But there is no doubt that each symptom would become
a complete fit, if I could not succeed to stop its progress. The means that I have used
to prevent their completion, viz. in the beginning, to rub my temples with the hands &
afterwards to fill up my mouth with salt. But a long use of these means becomes
their effect less efficacious. At last without any effect. Next, I found out that
shaking my head as fast as possible, acted efficaciously. These vibrations of head are
still the only means I am acquainted with to prevent a complete fit. But it is not, alas! infallible,
Infallible; though at other times It is sufficient for me to toss as fast as possible.

- The numerous remedies that I have used for nerves, made
Nothing on me; Those that I have employed externally, as blistering, leeches, procure
me ~~some~~ some relief. I have long thought of Bleeding Salutory, & on that account
I came to perform this Operation every two months. But I am convinced now that It
was baneful to me. The two last times that I submitted to it, I was almost instantly
Taken with fits - Charges is the most effecting remedy, & transition from
It at colds. Subject of Humidity - I feel often my sight weakening, & frequently
I feel like a cloud over my eye - I perceive operation is baneful to me, & has been
The effect of clearing my sight. Exposed to cold, as to a great vice has brought
Some fits upon me; At least, I thought this the cause of them. Involuntary of
sight & certain obstruction at the right side of my face consequently, fits & symptoms
I can never throw my head & shoulders back - rather a bad effect - After the
fits I feel usually a heavy pain at the forehead, & after I am so lucky as to

Stop them, a starting in the right eye, accompanied with a kind of glittering at each start,
together with a quick palpitation of the heart, always follow - Sometimes I am afflicted
with a hard beating in the head; palpitations of the heart; difficult breathing; Keen &
sudden pains in the head, But the last is not common.

Many times I have experienced a kind of relief of chewing
stimulating vegetables, as Mustard-leaves &c. - When I feel my nose stuffed, that I
can even blow it a little, I have reason to apprehend - I had been advised to wash my
head every morning with cold water, I practised this a good while, But found out that
it was hurtful to me. - Bathing weakens me & I think it rather contrary to my health.

I have taken a good many remedies for nerves & my
hips & chine hole without any benefit. I am far from being robust & almost constantly
I am costive. - It may be well for me to observe, that an Active life suits me
perfectly well.

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Good night to you

